

Claims

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It is claimed

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1. ~~Implant for medical purposes based on a physiologically compatible plastic, wherein it is composed of thin foldable structural elements having a surface that is wettable by a fluid lubricant.~~

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2. ~~Implant as claimed in claim 1, wherein it is surrounded by a covering.~~

3. ~~Implant as claimed in claim 1 or 2, wherein it has the shape of a foil with a thickness of 10 to 200 μm .~~

4. ~~Implant as claimed in claim 1 or 2, wherein it has a strand form with a thickness of 0.1 to 1 mm per strand.~~

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5. ~~Implant as claimed in claim 1 or 2, wherein it is composed of tubular foils.~~

Cont

6. ~~Implant as claimed in one of the claims 1 to 5, wherein it has a hydrophilized surface.~~

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cont

7. ~~Implant as claimed in claim 6,
wherein
it contains an aqueous fluid as the lubricant.~~
8. ~~Implant as claimed in one of the previous claims,
wherein
the thin foldable structural element is capable of
swelling when contacted with a suitable liquid.~~
9. ~~Implant as claimed in one of the previous claims,
wherein
the lubricant is swellable.~~
10. ~~Implant as claimed in claim 9,
wherein
the lubricant is a polysaccharide or
glucosaminoglycan.~~
11. ~~Implant as claimed in one of the claims 1 to 5,
wherein
the thin foldable structural element has a
hydrophobized surface.~~
12. ~~Implant as claimed in claim 11,
wherein
it contains fat or oil as the fluid lubricant.~~
13. ~~Implant as claimed in one of the previous claims,
wherein
the plastic is a silicone rubber.~~

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14. Implant as claimed in claim 13,
wherein
the silicone rubber is composed of polydimethylsiloxane.

Cont

15. Implant as claimed in one of the claims 1 to 10,
wherein
the plastic is a polysaccharide.

16. Implant as claimed in claim 8, 9 and 15,
wherein
the polysaccharide is cuprophane foil.

17. Implant as claimed in one of the previous claims,
wherein
the foldable structural element has a foam structure.

18. Implant as claimed in one of the previous claims,
wherein
an X-ray contrast medium or a dye is incorporated into the plastic of the structural element.

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